

FABRICATION TECHNIQUES FOR CRYOGENIC TARGETS†

*J. Burmann, **S. Letts, **J. Sanchez, *D. Schroen-Carey

*W.J.Schafer Associates, 303 Lindbergh Ave.
Livermore, CA 94550

**University of California
Lawrence Livermore National Laboratory
P.O. Box 808, Livermore, CA 94551

Millimeter size capsules with attached fill tubes are currently being used for liquid layering experiments. These capsules are free standing plasma polymer shells made from coated poly(α -methylstyrene) mandrels. The fabrication process requires drilling a 150 μ m hole, leaching away of the solid mandrel, characterizing the capsule, and attaching a fill tube. Fabrication techniques and processes will be presented in detail.

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Poster preferred